

EMC VERIFICATION SUMMARY

Report No. HK09120387-1

☐ Electric household products

☐ ITE

☒ Others DECT Phone

Model : CL-3606

Applicant: Xingtel Xiamen Electronics Co., Ltd.
Xingtel Building, Chuangxin Road,
Torch Hi-Tech Industrial District,
Xiamen 361006, PR China

Product Description : DECT Phone

Sample Receipt Date : 09 Dec 2009

Test Conducted Date : 10 Dec 2009 to 30 Dec 2009

☒ 1st TEST

☐ 2nd TEST (after modification)

ALL TESTS WERE CONDUCTED IN
ACCORDANCE WITH:

* ETSI EN 301 489-6 (EN 301 489-1) : 2008
* ETSI EN 301 489-1 (EN55022) : 2008
* ETSI EN 301 489-1 (EN61000-3-3) : 2008
* ETSI EN 301 489-1 (EN61000-4-2) : 2008
* ETSI EN 301 489-1 (EN61000-4-3) : 2008
* ETSI EN 301 489-1 (EN61000-4-4) : 2008
* ETSI EN 301 489-1 (EN61000-4-5) : 2008
* ETSI EN 301 489-1 (EN61000-4-6) : 2008
* ETSI EN 301 489-1 (EN61000-4-11) : 2008

| Test Result | OK | Not OK | See Remark | Test Result | OK | Not OK | See Remark |
|--------------------------|-------------------------------------|--------------------------|--------------------------|---------------------|-------------------------------------|--------------------------|--------------------------|
| EN55022 : 2006+A1 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | EN61000-4-4 : 2004 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| EN61000-3-2 : 2006 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | EN61000-4-5 : 2006 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| EN61000-3-3 : 1995+A1 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | EN61000-4-6 : 2007 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| EN61000-4-2 : 1995+A1+A2 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | EN61000-4-11 : 2004 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| EN61000-4-3 : 2006+A1 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | |

When determining the test conclusion, the Measurement Uncertainty of test has been considered.

Prepared and Checked by:

Approved by:

Signed On File

Clive Wong

Assistant Engineer

Sit Kim Wai, Ken

Manager

04 Jan 2010

Date

- The test report only allows to be revised within the retention period unless further standard or the requirement was noticed.
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EMC Results Conclusion (with Justification)

RE: EMC Testing Pursuant to R&TTE Directive 1999/5/EC Performed On the
DECT Phone,
Model: CL-3606

We tested the DECT Phone, Model: CL-3606, to determine if it was in compliance with the relevant EN standards as marked on the EMC Verification Summary. We found that the unit met the requirement of EN 301 489-6 standard when tested as received.

The EN 301 489-6, together with EN 301 489-1, covers the assessment of Digital Enhanced Cordless Telecommunications (DECT) Equipment and associated ancillary equipment, in respect of Electro Magnetic Compatibility (EMC). In case of differences, the provisions of EN 301 489-6 take precedence.

The production units are required to conform to the initial sample as received when the units are placed on the market.

Standard against which no testing has been conducted of the captioned model and the engineering judgement is stated as follow:

EN 61000-3-2 According to EN 61000-3-2 : 2006 clause 7, equipment with a rated power less than or equal to 75W is deemed to fulfil all relevant requirements of this standard without testing.

Ctrl. No.: 1.2.1

INTERTEK TESTING SERVICES

Report No.: HK09120387-1

LABORATORY MEASUREMENTS

Configuration Information

| | |
|---|---|
| Equipment Under Test (EUT): | DECT Phone |
| Model: | CL-3606 |
| Serial No.: | Not Labelled |
| Support Equipment: | 1. Telephone Line Simulator Model: TLS-5 2. Corded Phone |
| Cables: | 1 x 3m telephone line |
| AC-DC Adapter for Base Unit: | Model: G075030D25 Input: 230VAC 50Hz 45mA Output: 7.5VDC 300mA 2.25VA (Supplied by Client) |
| Operated Battery for Handset Unit: | 2 x "AAA" 1.2V 600mAh Ni-MH Rechargeable Battery |

INTERTEK TESTING SERVICES

Applicant: Xingtel Xiamen Electronics Co., Ltd.
Model: CL-3606

Report No.: HK09120387-1

EN55022 Emissions Test

Used Test Equipment

| Equipment No. | Equipment | Manufacturer | Calibration Date | Next Calibration Due Date |
|---------------|---|--------------|------------------|---------------------------|
| EW-0014 | EMI Test Receiver | R&S | 1-Jun-09 | 1-Jun-10 |
| EW-2188 | Spectrum Analyzer | AGILENTTECH | 18-Dec-08 | 18-Dec-09 |
| EW-0954 | Biconical Antenna | EMCO | 30-Sep-08 | 30-Mar-10 |
| EW-0446 | Log Periodic Antenna | EMCO | 2-Oct-08 | 2-Apr-10 |
| EW-2375 | 14m Double Shield RF Cable (9kHz - 6GHz) | RADIAL | 11-Sep-09 | 12-Sep-10 |
| EW-2528 | 14m Double Shield RF Cable (20MHz - 6GHz) | RADIAL | 23-Feb-09 | 23-Feb-10 |

INTERTEK TESTING SERVICES

Applicant: Xingtel Xiamen Electronics Co., Ltd.
Model: CL-3606

Report No.: HK09120387-1

Data Table

Radiated Scan Pursuant to EN55022 : Class B Emissions Requirement

| Polarization | Frequency (MHz) | Net at 3m (dB μ V/m) | Calculated Net at 10m (dB μ V/m) | Limit at 10m (dB μ V/m) | Margin (dB) |
|--------------|-----------------|--------------------------|--------------------------------------|-----------------------------|-------------|
| V | 38.485 | 33.9 | 23.4 | 30 | -6.6 |
| V | 45.179 | 34.1 | 23.6 | 30 | -6.4 |
| V | 54.429 | 34.2 | 23.7 | 30 | -6.3 |
| H | 63.576 | 34.0 | 23.5 | 30 | -6.5 |
| H | 108.241 | 33.6 | 23.1 | 30 | -6.9 |
| H | 139.562 | 32.5 | 22.0 | 30 | -8.0 |

Notes: 1. Quasi-Peak Detector Data

2. Negative sign (-) in the margin column signify levels below the limit

3. Frequency range scanned: 30 MHz to 1000 MHz

4. Only emissions significantly above equipment noise floor are reported

5. Measurement Uncertainty: ± 4.8 dB

INTERTEK TESTING SERVICES

Applicant: Xingtel Xiamen Electronics Co., Ltd.
Model: CL-3606

Report No.: HK09120387-1

EN55022 RFI Voltage Test

Used Test Equipment

| Equipment No. | Equipment | Manufacturer | Calibration Date | Next Calibration Due Date |
|---------------|---|------------------|------------------|---------------------------|
| EW-0090 | Artificial Mains | ROHDESCHWA RZ | 20-Jan-09 | 20-Jan-10 |
| EW-0017 | EMI Test Receiver | ROHDESCHWA RZ | 1-Jun-09 | 1-Jun-10 |
| EW-0700 | Pulse Limiter | R&S | 8-Jun-09 | 8-Dec-10 |
| EW-2454 | RF Cable 240cm (RG142) | RADIAL | 4-Jun-09 | 20-Jun-10 |
| SZ184-02 | Impedance Stabilization Network ISN | TESEQ | 31-Mar-09 | 31-Mar-10 |

- Notes: 1. The following graph and table were recorded for the tests on the mains terminal and telecommunication ports.
2. A graph of Ctrl. No.: 3.2.1 consisting of one page and a data table of Ctrl. No.: 3.2.2 consisting of one page are attached.
3. A graph of Ctrl. No.: 3.3.1 consisting of one page and a data table of Ctrl. No.: 3.3.2 consisting of the one page are attached.
4. Measurement Uncertainty: $\pm 3.6\text{dB}$

INTERTEK TESTING SERVICES

Applicant: Xingtel Xiamen Electronics Co., Ltd.
Model: CL-3606
Tested Mode: Ringing & Charging
Tested Port: AC

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Scan Settings (1 Range)

----- Frequencies -----||----- Receiver Settings -----|
Start Stop Step IF BW Detector M-Time Atten Preamp OpRge
150k 30M 4.5k 10k PK+AV 10ms AUTO LN OFF 60dB

Final Measurement: x QP / + AV

Meas Time: 1 s

Subranges: 16

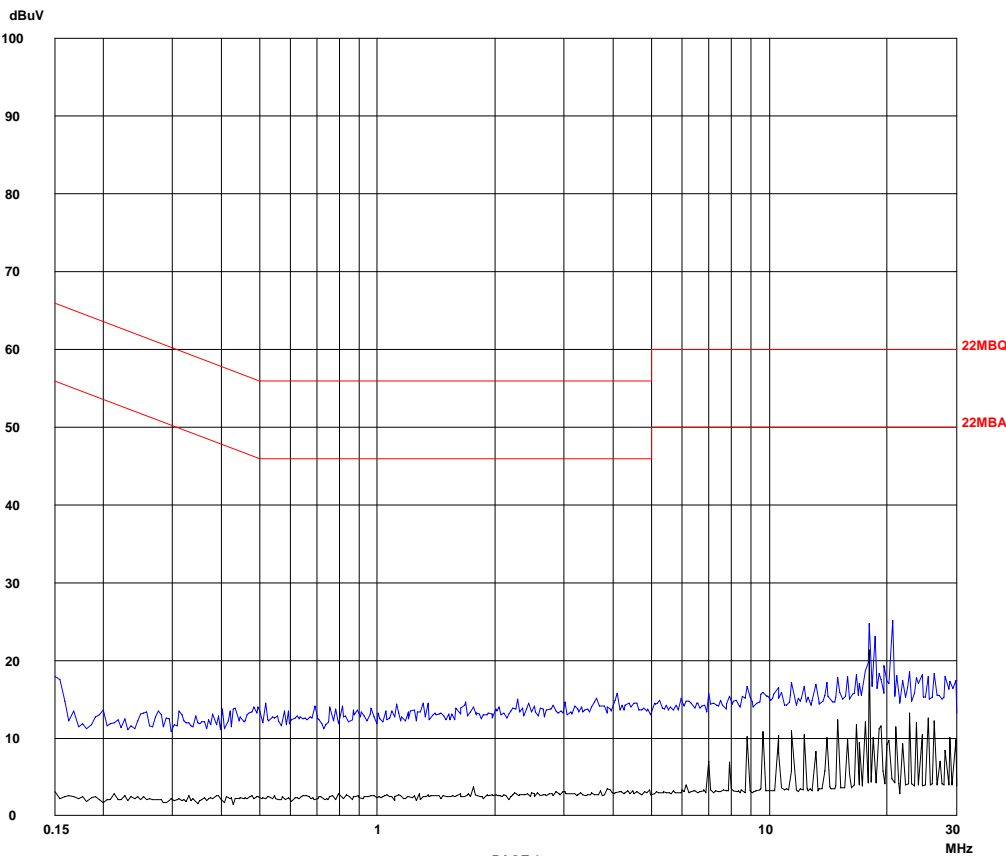
Acc Margin: 20dB

Transducer No. Start Stop Name

1 1 9k 30M 2454

2 9k 30M 0700

3 9k 30M 0090



Ctrl. No.: 3.2.1

INTERTEK TESTING SERVICES

Applicant: Xingtel Xiamen Electronics Co., Ltd.
Model: CL-3606
Tested Mode: Ringing & Charging
Tested Port: AC

Report No.: HK09120387-1

Report No.:HK09120387-1

Scan Settings (1 Range)

|----- Frequencies -----||----- Receiver Settings -----|

| Start | Stop | Step | IF BW | Detector | M-Time | Atten | Preamp | OpRge |
|-------|------|------|-------|----------|--------|-------|--------|-------|
| 150k | 30M | 4.5k | 10k | PK+AV | 10ms | AUTO | LN OFF | 60dB |

Final Measurement Results:

no Results

INTERTEK TESTING SERVICES

Applicant: Xingtel Xiamen Electronics Co., Ltd.
Model: CL-3606
Tested Mode: Ringing & Charging
Tested Port: Telecommunication

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Scan Settings (1 Range)

| Frequencies | | | | Receiver Settings | | | |
|-------------|------|------|-------|-------------------|--------|-------|--------|
| Start | Stop | Step | IF BW | Detector | M-Time | Atten | Preamp |
| 150k | 30M | 4.5k | 10k | PK+AV | 10ms | AUTO | LN OFF |

Final Measurement: x QP / + AV

Meas Time: 1 s

Subranges: 16

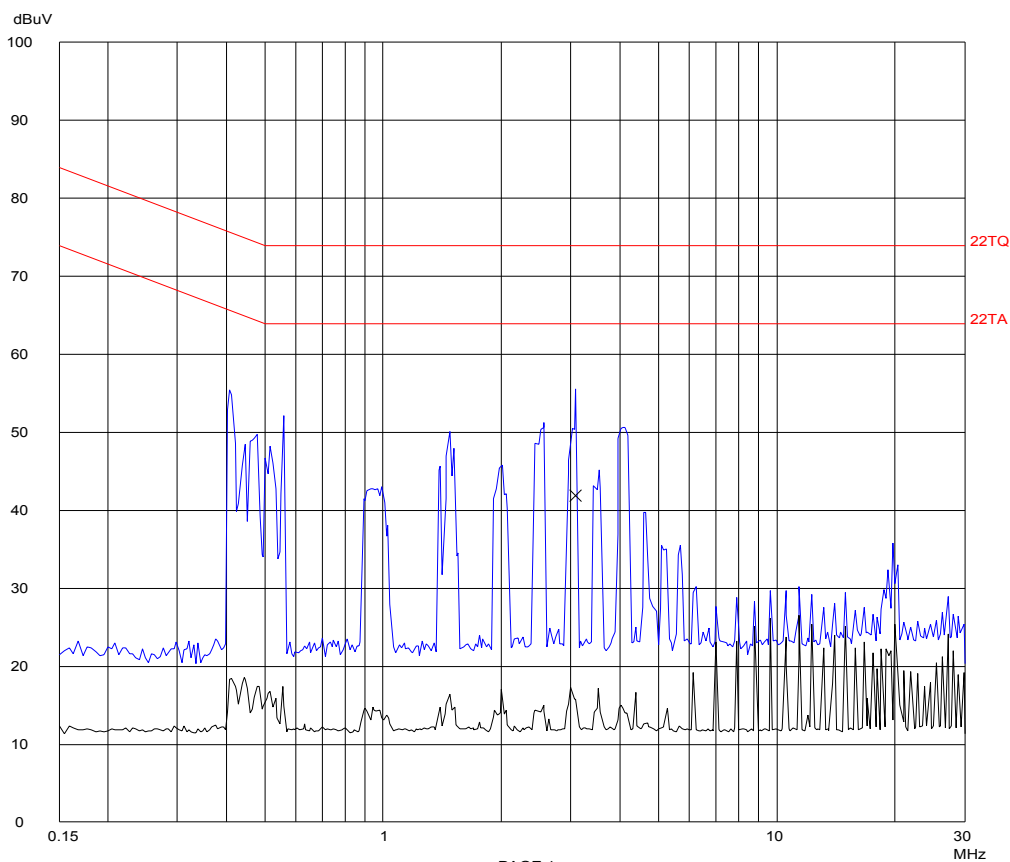
Acc Margin: 20dB

| Transducer No. | Start | Stop | Name |
|----------------|-------|------|------|
|----------------|-------|------|------|

| | | | |
|---|---|----|-----|
| 1 | 1 | 9k | 30M |
|---|---|----|-----|

| | | | |
|---|----|-----|------|
| 2 | 9k | 30M | 0700 |
|---|----|-----|------|

| | | | |
|---|------|-----|-----|
| 7 | 150k | 30M | ISN |
|---|------|-----|-----|



PAGE 1

Ctrl. No.: 3.3.1

INTERTEK TESTING SERVICES

Applicant: Xingtel Xiamen Electronics Co., Ltd.
Model: CL-3606
Tested Mode: Ringing & Charging
Tested Port: Telecommunication

Report No.: HK09120387-1

Report No.:HK09120387-1

Scan Settings (1 Range)

|----- Frequencies -----||----- Receiver Settings -----|

| Start | Stop | Step | IF BW | Detector | M-Time | Atten | Preamp | OpRge |
|-------|------|------|-------|----------|--------|-------|--------|-------|
| 150k | 30M | 4.5k | 10k | PK+AV | 10ms | AUTO | LN OFF | 60dB |

Final Measurement Results:

| Frequency | QP Level | QP Limit | Delta |
|-----------|----------|----------|-------|
| MHz | dBuV | dBuV | dB |

| | | | |
|---------|------|------|-------|
| 3.07950 | 41.9 | 74.0 | -32.1 |
|---------|------|------|-------|

| Frequency | AV Level | AV Limit | Delta |
|-----------|----------|----------|-------|
| MHz | dBuV | dBuV | dB |

no Results

* limit exceed

INTERTEK TESTING SERVICES

Applicant: Xingtel Xiamen Electronics Co., Ltd.
Model: CL-3606

Report No.: HK09120387-1

EN 61000-3-3 Voltage Fluctuations

Used Test Equipment

| Equipment No. | Equipment | Manufacturer | Calibration Date | Next Calibration Due Date |
|---------------|--|--------------------|------------------|---------------------------|
| EW-1448 | Harmonic, Flicker and Voltage Drop Test System | SCHAFFNER | Nil* | Nil* |
| EW-1781 | Three Power Analyzer | Voltech Instrument | 29-Jun-09 | 29-Jun-10 |
| EW-1782 | Reference Impedance Network | Voltech Instrument | 30-Jun-09 | 29-Jun-10 |

*The Equipment would be verified together with the test system before testing

Test Result

| | Result | Limit |
|------------------|--------|-------|
| dmax (%) | 0.063 | 4 |
| dc (%) | 0.017 | 3.3 |
| d(t) > 3.3% (ms) | 0 | 500 |
| Pst | 0.071 | 1.0 |
| Plt | N/A | N/A |

INTERTEK TESTING SERVICES

Applicant: Xingtel Xiamen Electronics Co., Ltd.
Model: CL-3606

Report No.: HK09120387-1

EN 61000-4-2 Electrostatic Discharge

Test Summary (Pursuant to EN 301 489-6)

| | | |
|---------------------------------|----------------|--|
| Basic Standard: | | EN 61000-4-2 |
| Port: | | Enclosure |
| Required Performance Criterion: | | TT & TR |
| Level: | | ± 2.0 kV, ± 4.0 kV and ± 8.0 kV (Air Discharge) ± 2.0 kV and ± 4.0 kV (Contact Discharge) ± 2.0 kV and ± 4.0 kV (Indirect Contact Discharge) |
| Time Between Each Discharge: | | 1 second |
| Test Mode: | | Standby, Charging, Ringing, Ringing & Charging, Handset On Line, Handsfree On Line, Redial |
| Test Setup: | | Table-top |
| Test of Post-installation: | | N/A |
| Test Point: | Air Discharge: | All insulated enclosure and seams |
| | | All the points where contact discharge cannot be applied |
| | Contact: | All conductive surfaces of the EUT |
| | HCP: | All sides of the EUT |
| | VCP: | Four faces of the EUT |

Used Test Equipment

| Equipment No. | Equipment | Manufacturer | Calibration Date | Next Calibration Due Date |
|---------------|-----------|--------------|------------------|---------------------------|
| EW-2282 | ESD Gun | SCHAFFNER | 8-Jul-09 | 8-Jul-10 |

INTERTEK TESTING SERVICES

Report No.: HK09120387-1

Test Results

EN 61000-4-2 Electrostatic Discharge

| Discharge Type | No. of discharge for each applied voltage | Applied Voltage | Result (Pursuant to EN 301 489-6 criterion TT & TR) |
|------------------------|---|-----------------|--|
| Contact Discharge | 10 | ±2kV | OK |
| | 10 | ±4kV | OK |
| Air Discharge | 10 | ±2kV | OK |
| | 10 | ±4kV | OK |
| | 10 | ±8kV | OK |
| Indirect HCP Discharge | 10 | ±2kV | OK |
| | 10 | ±4kV | OK |
| Indirect VCP Discharge | 10 | ±2kV | OK |
| | 10 | ±4kV | OK |

INTERTEK TESTING SERVICES

Applicant: Xingtel Xiamen Electronics Co., Ltd.
Model: CL-3606

Report No.: HK09120387-1

EN 61000-4-3 Radiated Immunity

Test Summary (Pursuant to EN 301 489-6)

| | |
|---------------------------------|--|
| Basic Standard: | EN 61000-4-3 |
| Port: | Enclosure |
| Required Performance Criterion: | CT & CR |
| Level: | 3.0 V/m (rms) |
| Test Modulation: | 1kHz, 80% AM |
| Frequency: | 80 MHz to 1000 MHz and 1400 MHz to 2700 MHz |
| Dwell Time: | 1s |
| Frequency Step: | 1% |
| Temperature: | 24°C |
| Relative Humidity: | 51% |
| Test Facility: | Full Anechoic Chamber |
| Antenna Polarization: | Horizontal and Vertical |
| Type of Antenna: | Bi-conic Log-Periodic (Hybrid) / Horn |
| Test Distance: | 3m |
| Test Mode: | Standby, Charging, Ringing, Ringing & Charging, Handset On Line, Handsfree On Line, Redial |
| Test Setup: | Table-top |
| Size of the Handset Unit: | 15.8 (cm) x 4.9 (cm) x 2.6 (cm) |
| Size of the Base Unit: | 16.8 (cm) x 13.0 (cm) x 5.8 (cm) |

Used Test Equipment

| Equipment No. | Equipment | Manufacturer | Calibration Date | Next Calibration Due Date |
|---------------|-------------------------------------|--------------|------------------|---------------------------|
| EW-1902 | Trilog Super Broadband Test Antenna | SCHWARZBECK | Nil* | Nil* |
| EW-2110 | RF Power Amplifier | OPHIR RF | 12-Jan-09 | 31-Dec-09 |
| EW-1244 | Signal Generator | HP | 26-Mar-09 | 26-Mar-10 |
| EW-2431 | RF Power Amplifier | MILMEGA | 31-Dec-08 | 31-Dec-09 |

*The Equipment would be verified together with the test system before testing

INTERTEK TESTING SERVICES

Report No.: HK09120387-1

Test Results

EN 61000-4-3 Radiated Immunity

| Frequency (MHz) | Exposed Side | Field Strength (V/m) | Result (Pursuant to EN 301489-6 meet CT & CR) |
|----------------------------|--------------|-------------------------|--|
| 80 to 1000 1400 to 2700 | Front | 3V/m (rms) | OK |
| 80 to 1000 1400 to 2700 | Left | 3V/m (rms) | OK |
| 80 to 1000 1400 to 2700 | Rear | 3V/m (rms) | OK |
| 80 to 1000 1400 to 2700 | Right | 3V/m (rms) | OK |

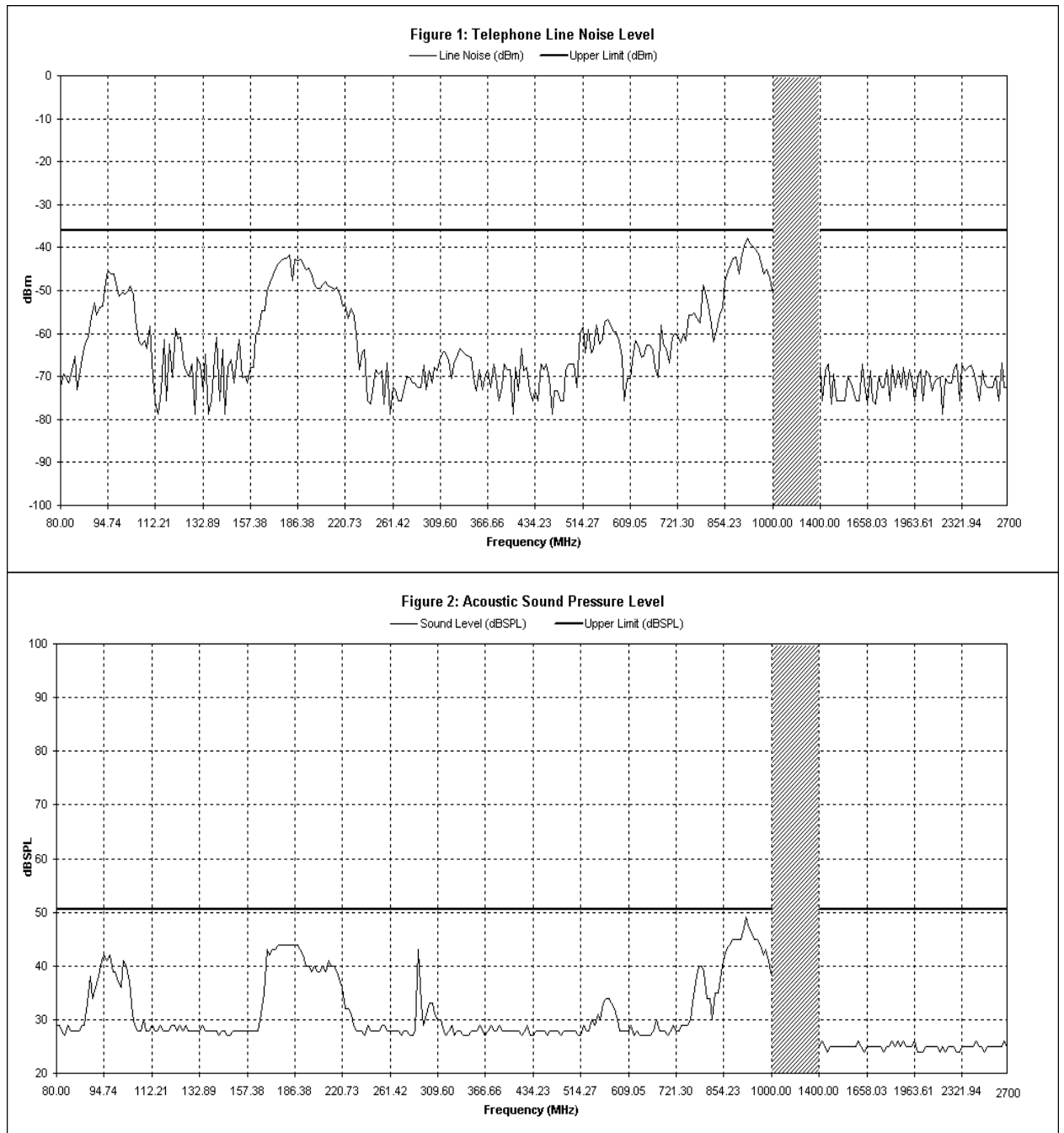
☒ Additional Information


- ☐ No observable change
- ☐ The communication link of EUT could / could not be maintained and could / could not be recoverable by operator.
- ☐ EUT stopped operation and could / could not be reset by operator.
- ☐ EUT was in abnormal operation:
- operation mode was changed from ____ to ____ at ____ V/m.
- ☒ The speech output signal level was monitored during test and was found to be at least 35dB less than the reference level recorded before the start of the test.

INTERTEK TESTING SERVICES

Applicant: Xingtel Xiamen Electronics Co., Ltd.
Model: CL-3606
Operating Mode: Handset On Line
Volume Setting: Max
Reference Level: -1 dBm
Antenna Orientation: Horizontal

Report No.: HK09120387-1



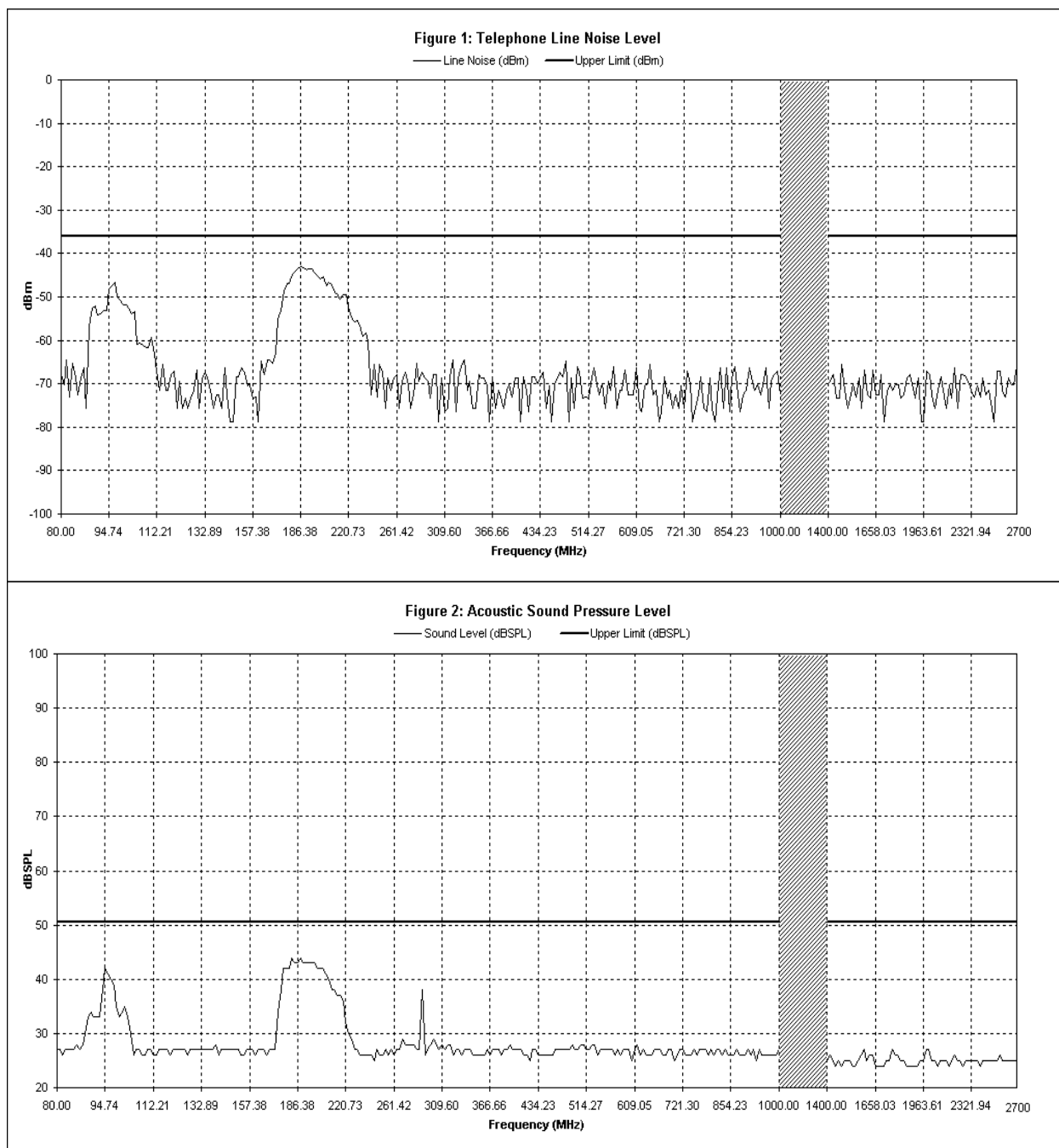
 Frequency band is not applicable in the test


Ctrl. No.: 12.2

INTERTEK TESTING SERVICES

Applicant: Xingtel Xiamen Electronics Co., Ltd.
Model: CL-3606
Operating Mode: Handset On Line
Volume Setting: Max
Reference Level: -1 dBm
Antenna Orientation: Vertical

Report No.: HK09120387-1



 Frequency band is not applicable in the test

Ctrl. No.: 12.2

INTERTEK TESTING SERVICES

Applicant: Xingtel Xiamen Electronics Co., Ltd.
Model: CL-3606

Report No.: HK09120387-1

EN 61000-4-4 Electrical Fast Transient/Burst

Test Summary (Pursuant to EN 301 489-6)

| | | |
|---------------------------------|--|---|
| Basic Standard: | EN 61000-4-4 | |
| Port: | A.C. Power Lines and protective earth terminal | D.C. Power Lines, Signal Lines, Control Lines, and Telecommunications Ports |
| Required Performance Criterion: | TT & TR | |
| Level: | ±1.0kV | ±0.5kV |
| Test Duration: | 1 minute per each polarity | |
| Test Mode: | Standby, Charging, Ringing, Ringing & Charging, Handset On Line, Handsfree On Line, Redial | |
| Test Setup: | Table-top | |
| Generator Drive: | Internal | |
| Sequence of Application: | Each One | |

Used Test Equipment

| Equipment No. | Equipment | Manufacturer | Calibration Date | Next Calibration Due Date |
|---------------|--------------------------|--------------|------------------|---------------------------|
| EW-1214 | Best EMC Test Instrument | SCHAFFNER | 13-Feb-09 | 13-Feb-10 |

INTERTEK TESTING SERVICES

Report No.: HK09120387-1

Test Results

EN 61000-4-4 Electrical Fast Transient/Burst

| Port | Level | Result (Pursuant to EN 301489-6 meet TT & TR) |
|--|--------|--|
| A.C. Power Lines and protective earth terminal | +1kV | OK |
| | -1kV | OK |
| D.C. Power Lines, Signal Lines, Control Lines and Telecommunications Ports | +0.5kV | OK |
| | -0.5kV | OK |

☒ Additional Information

☒ No observable change

☐ The communication link of EUT could / could not be maintained and could / could not be recoverable by operator at ___ kV of Burst.

☐ EUT stopped operation and could / could not be reset by operator at ___ kV of Burst.

☐ EUT was in abnormal operation:
- operation mode was changed from ____ to ____ at ____ kV of Burst.

☐ _____

INTERTEK TESTING SERVICES

Applicant: Xingtel Xiamen Electronics Co., Ltd.
Model: CL-3606

Report No.: HK09120387-1

EN 61000-4-5 Surge Immunity

Test Summary (Pursuant to EN 301 489-6)

| | | | |
|---------------------------------|--|-----------------|-------------------|
| Basic Standard: | EN 61000-4-5 | | |
| Port: | A.C. Power Lines | | |
| | Phase And Neutral | Phase And Earth | Neutral And Earth |
| Level: | 5 Positive And 5 Negative Surges | | |
| | ±1kV | ±2kV | ±2kV |
| Generator Impedance: | 2 ohm | 12 ohm | 12 ohm |
| Required Performance Criterion: | TT & TR | | |
| Repetition Rate: | 1 minute | | |
| Test Mode: | Standby, Charging, Ringing, Ringing & Charging, Handset On Line, Handsfree On Line, Redial | | |
| Test Setup: | Table-top | | |
| Surge Generator Trigger: | Internal | | |
| Installation Condition: | Class 3: Electrical environment where cables run in parallel. | | |
| Phase Angle: | 0°, 90°, 180°, 270° | | |

Used Test Equipment

| Equipment No. | Equipment | Manufacturer | Calibration Date | Next Calibration Due Date |
|---------------|--------------------------|--------------|------------------|---------------------------|
| EW-1214 | Best EMC Test Instrument | SCHAFFNER | 13-Feb-09 | 13-Feb-10 |

INTERTEK TESTING SERVICES

Report No.: HK09120387-1

Test Results

EN 61000-4-5 Surge Immunity

| Level | | Result (Pursuant to EN 301 489-6 meet TT & TR) |
|----------------------------|------|---|
| Between Phase And Neutral: | ±1kV | OK |
| Between Phase And Earth: | ±2kV | N/A |
| Between Neutral And Earth: | ±2kV | N/A |

☒ Additional Information

☒ No observable change

☐ The communication link of EUT could / could not be maintained and could / could not be recoverable by operator at ___ kV of Surge.

☐ EUT stopped operation and could / could not be reset by operator at ___ kV of Surge.

☐ EUT was in abnormal operation:
- operation mode was changed from ____ to ____ at ____ kV of Surge.

☐ _____

INTERTEK TESTING SERVICES

Applicant: Xingtel Xiamen Electronics Co., Ltd.
Model: CL-3606

Report No.: HK09120387-1

EN 61000-4-6 Injected Current (0.15 MHz to 80 MHz)

Test Summary (Pursuant to EN 301 489-6)

| | | |
|--------------------------------------|--|---|
| Basic Standard: | EN 61000-4-6 | |
| Port: | A.C. Power Lines | D.C. Power Lines, Signal Lines, Control Lines, and Telecommunications Ports |
| Required Performance Criterion: | CT & CR | |
| Level: | 3.0V (rms) | 3.0V (rms) |
| Cable Length between CDN and EUT: | 30cm | 30cm |
| Used coupling and decoupling device: | EW-1455 | EW-0992 |
| CDN terminated by 50Ω load: | "non-excited input port of the CDN" is suggested | |
| Test Modulation: | 1 kHz, 80% AM | |
| Frequency: | 0.15 MHz to 80 MHz | |
| Dwell Time: | 1s | |
| Frequency Step: | 1% | |
| Temperature: | 25°C | |
| Relative Humidity: | 45% | |
| Coupling Factor of CDN: | -1.0dB ~ -1.7dB | |
| Test Mode: | Standby, Charging, Ringing, Ringing & Charging, Handset On Line, Handsfree On Line, Redial | |
| Test Setup: | Table-top | |
| Size of the Handset Unit: | 15.8 (cm) x 4.9 (cm) x 2.6 (cm) | |
| Size of the Base Unit: | 16.8 (cm) x 13.0 (cm) x 5.8 (cm) | |
| Equipment Under Test (EUT): | Multiple Unit | |

Used Test Equipment

| Equipment No. | Equipment | Manufacturer | Calibration Date | Next Calibration Due Date |
|---------------------|-----------------------------|--------------|------------------|---------------------------|
| EW-1455 for AC port | Coupling Decoupling Network | SCHWARZBECK | 28-Aug-09 | 28-Aug-10 |
| EW-0892 | RF Power Amplifier | AMP Research | Nil* | Nil* |
| EW-0992 for TC port | ISN | R&S | Nil* | Nil* |
| EW-0611 | AM/FM Signal Generator | MARCONI | 21-Jan-09 | 21-Jan-10 |

*The Equipment would be verified together with the test system before testing
Ctrl. No.: 11.1

INTERTEK TESTING SERVICES

Report No.: HK09120387-1

Test Results

EN 61000-4-6 Injected Current (0.15 MHz to 80 MHz)

| Port: | Frequency (MHz) | Level | Result (Pursuant to EN 301 489-6 meet CT & CR) |
|-----------------------------|--------------------|----------|---|
| A.C. Power Lines | 0.15 to 80 | 3V (rms) | OK |
| D.C. Power Lines | 0.15 to 80 | 3V (rms) | N/A |
| Signal Lines | 0.15 to 80 | 3V (rms) | N/A |
| Telecommunications Ports | 0.15 to 80 | 3V (rms) | OK |

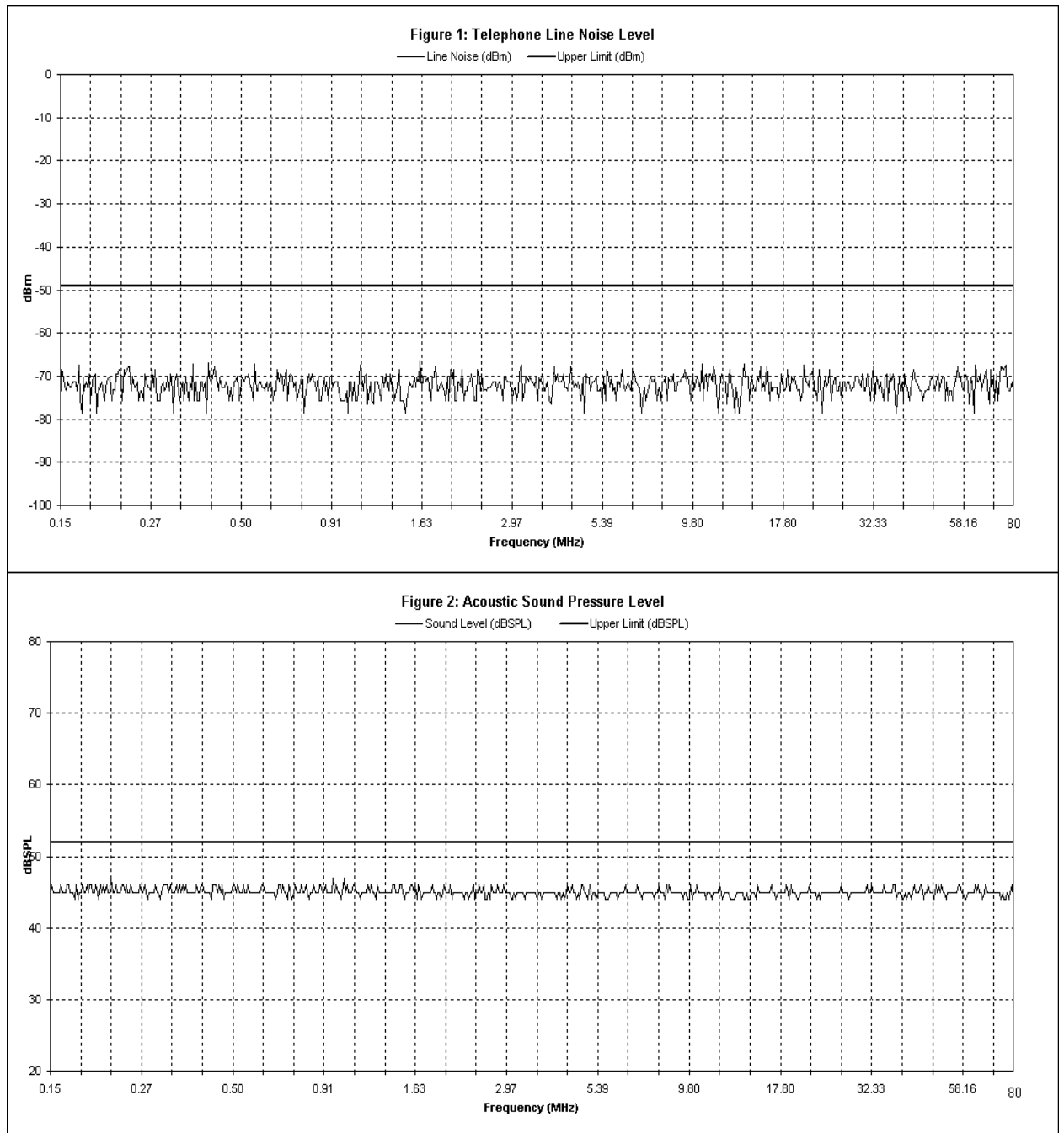
☒ Additional Information

- ☐ No observable change
- ☐ The communication link of EUT could / could not be maintained and could / could not be recoverable by operator.
- ☐ EUT stopped operation and could / could not be reset by operator.
- ☐ EUT was in abnormal operation:
- operation mode was changed from ____ to ____ at ____ V/m.
- ☒ The speech output signal level was monitored during test and was found to be at least 35dB less than the reference level recorded before the start of the test.

INTERTEK TESTING SERVICES

Applicant: Xingtel Xiamen Electronics Co., Ltd.
Model: CL-3606
Operating Mode: Handset On Line
Volume Setting: Max
Reference Level: -14 dBm
Tested Port: AC

Report No.: HK09120387-1



Ctrl. No.: 8.1.3

INTERTEK TESTING SERVICES

Applicant: Xingtel Xiamen Electronics Co., Ltd.

Report No.: HK09120387-1

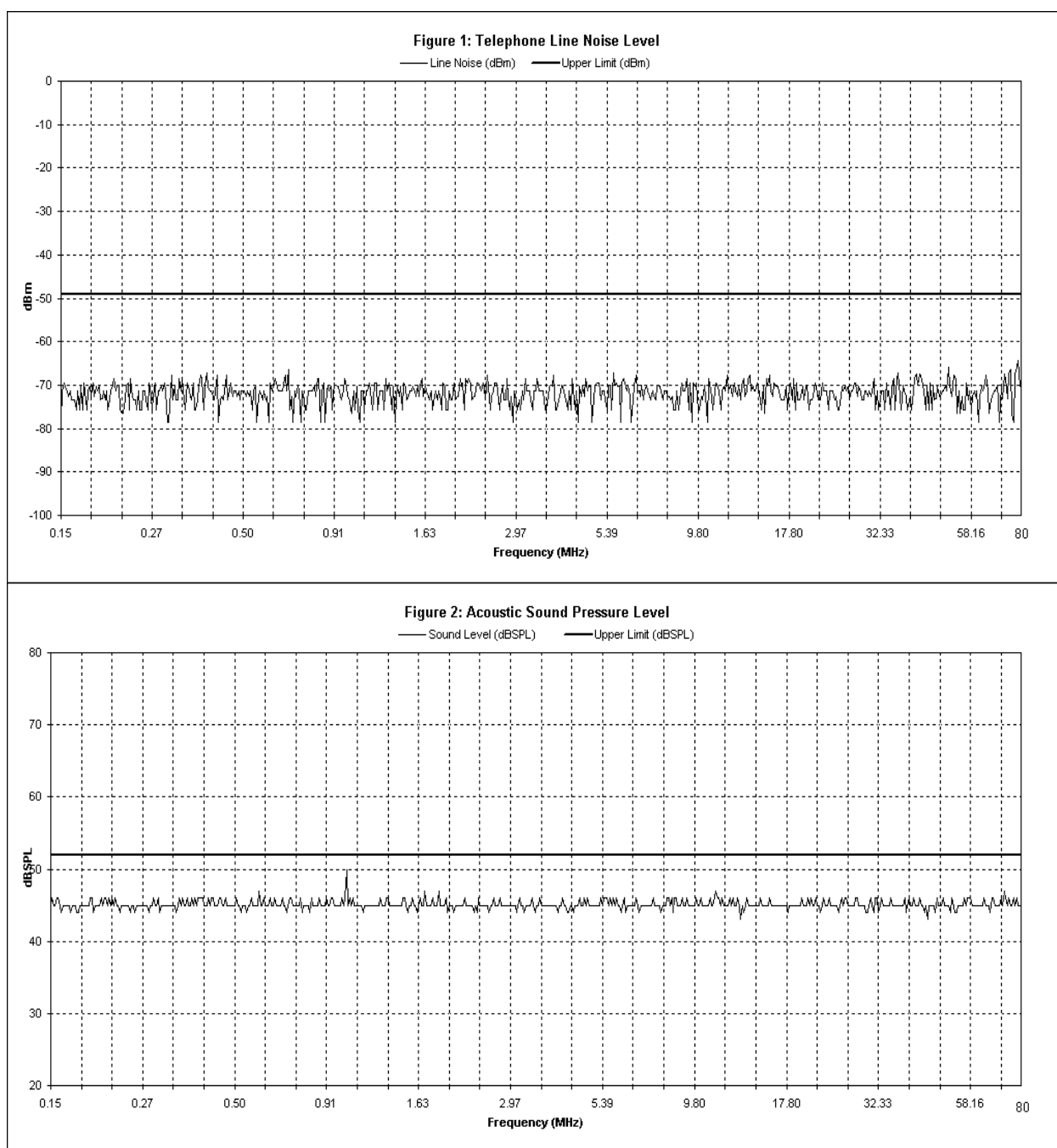
Model: CL-3606

Operating Mode: Handset On Line

Volume Setting: Max

Reference Level: -14 dBm

Tested Port: Telecommunication



Ctrl. No.: 8.1.3

INTERTEK TESTING SERVICES

Applicant: Xingtel Xiamen Electronics Co., Ltd.
Model: CL-3606

Report No.: HK09120387-1

EN 61000-4-11 Voltage Dips and Interruptions

Test Summary (Pursuant to EN 301 489-6)

| | | | |
|----------------------------|--|-----------------|--------------------------------|
| Basic Standard: | EN 61000-4-11 | | |
| Port: | A.C. Power Lines | | |
| Level: | Test level in %U _T | Duration(cycle) | Required Performance Criterion |
| | 0 | 0.5 | TT & TR |
| | 0 | 1 | TT & TR |
| | 70 | 25(at 50Hz) | TT & TR |
| | 0 | 250(at 50Hz) | TT & TR |
| No. of dips/interruptions: | 3 | | |
| Test Mode: | Standby, Charging, Ringing, Ringing & Charging, Handset On Line, Handsfree On Line, Redial | | |
| Test Setup: | Table-top | | |

U_T is the rated voltage for the equipment.

Used Test Equipment

| Equipment No. | Equipment | Manufacturer | Calibration Date | Next Calibration Due Date |
|---------------|--------------------------|--------------|------------------|---------------------------|
| EW-1214 | Best EMC Test Instrument | SCHAFFNER | 13-Feb-09 | 13-Feb-10 |

INTERTEK TESTING SERVICES

Report No.: HK09120387-1

Test Results

EN 61000-4-11 Voltage Dips and Interruptions

| Test condition | | Result (Pursuant to EN 301 489-6) | |
|-------------------------------|-----------------|--|--------------------------------------|
| Test Level in %U _T | Duration(cycle) | Meet TT & TR (with battery back-up) | Meet TT & TR (No battery back-up) |
| 0 | 0.5 | N/A | OK |
| 0 | 1 | N/A | OK |
| 70 | 25(at 50Hz) | N/A | OK |
| 0 | 250(at 50Hz) | N/A | OK |

☒ Additional Information

- ☐ No observable change
- ☐ The communication link of EUT could / could not be maintained and could / could not be recoverable by operator at ___ % reduced supply voltage.
- ☐ EUT stopped operation and could / could not be reset by operator at ___ % reduced supply voltage.
- ☐ EUT was in abnormal operation:
- operation mode was changed from ___ to ___ at ___ % reduced supply voltage.
- ☒ EUT turned off at 0%U_T test level with 250 cycles(at 50Hz) duration and it could resume to normal after the test.

INTERTEK TESTING SERVICES

Report No.: HK09120387-1

Appendix : EUT Photos

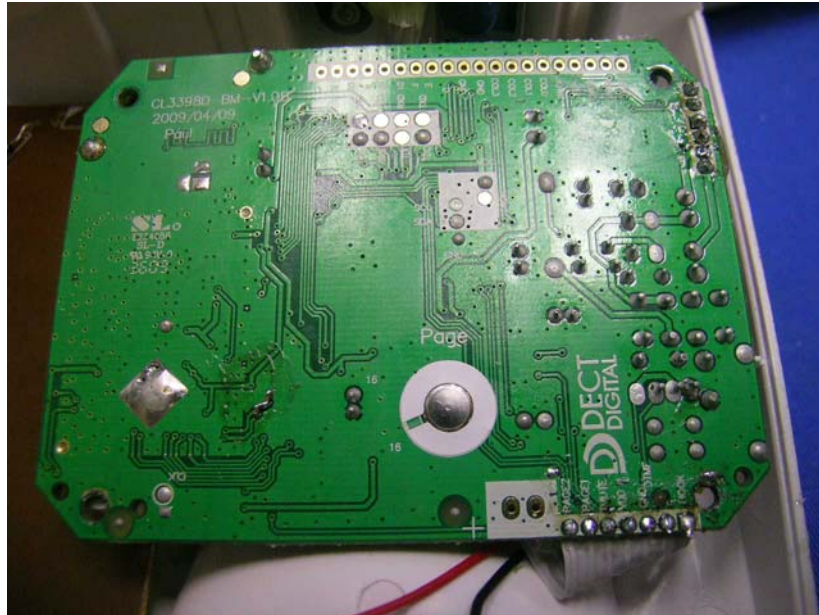
External Photos



INTERTEK TESTING SERVICES

Report No.: HK09120387-1

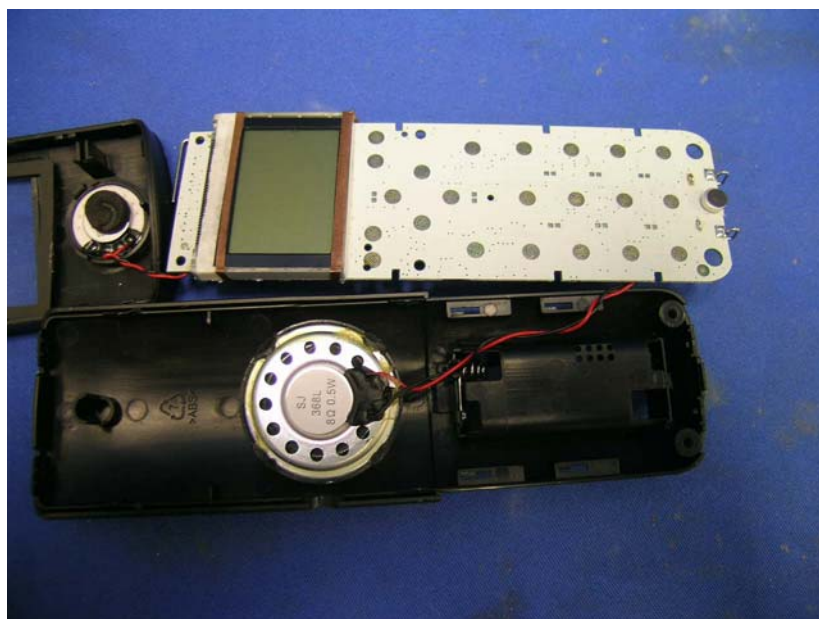
Internal Photos



INTERTEK TESTING SERVICES

Report No.: HK09120387-1

Internal Photos



INTERTEK TESTING SERVICES

TO OUR CLIENTS

GUIDELINES FOR COMPLETING A DECLARATION OF CONFORMITY

There are many Directives and Standards in place, and you should assure yourself that the correct ones have been applied to your product.

The attached blank Declaration of Conformity complies with the format published in the Official Journal of the European Community. To complete the form:

1. List all applicable Directives, by number, on the top lines.

e.g. 88/378/EEC for Toy Directive
2004/108/EC for EMC Directive
2006/95/EC for Low Voltage Directive
93/68/EEC for CE Marking Directive
1999/5/EC for R&TTE Directive
2. List the Standards under these Directives to which conformity is being declared. Intertek Testing Services test report(s) which you should retain to support your declaration contain this information.
3. Add manufacturer's and importer's name and address. The importer should be located within the EU.
4. Specify the type of equipment and model. You may list a block of serial numbers corresponding to the import quantity during the year of manufacture shown.
5. The Declaration of Conformity should be signed by the manufacturer or his authorized representative established within the EU.

NOTES:

- A. A COPY OF THE DECLARATION MUST ACCOMPANY IMPORT PAPERS INTO THE EC. ADDITIONAL COPIES MAY ALSO BE SUPPLIED IN EACH PRODUCT CARTON, WITH EACH PALLETIZED SHIPMENT, IN THE INSTRUCTION MANUAL OR ON THE WARRANTY CARD.
- B. THE IMPORTER OR THE MANUFACTURER'S AUTHORIZED REPRESENTATIVE MUST KEEP THE DECLARATION OF CONFORMITY AND THE TEST REPORTS AT THE DISPOSAL OF THE AUTHORITIES FOR A PERIOD OF TEN YEARS AFTER THE EQUIPMENT HAS BEEN PLACED ON THE MARKET.

Declaration of Conformity

Application of Council Directive(s):

Standard(s) to which Conformity is Declared:

Manufacturer's Name :

Manufacturer's Address :

.....

Import's Name :

Import's Address :

.....

Type of Equipment :

Model No. :

Serial No. :

Year of Manufacturer :

I, the undersigned, hereby declare that the equipment specified above conforms to the above Directive(s) and Standard(s).

Place :

(Signature)

Date :

(Full Name)

(Position)